

E2 2. (Amended) A molecule comprising at least complement protein modules 1-4 selected from the group consisting of complement control protein modules 1-4, 1-5, and 1-6 of complement factor H.

17. (Amended) A molecule comprising complement control protein modules, wherein said complement control protein modules are modules 1-4 of complement factor H.

E3 18. (Amended) The molecule of claim 17 wherein the complement factor H is human complement factor H.

19. (Amended) The molecule according to claim 18, wherein the complement control protein modules 1-4 have the sequence of SEQ ID NO: 9.

22. (Amended) A molecule with complement inhibitory activity comprising complement control protein modules selected from the group consisting of only 1-4, 1-5, and 1-6 of complement factor H.

E4 23. (Amended) The molecule according to claim 22, the complement factor H being human complement factor H.

Please add the following new claims:

E5 -- 26. The molecule of claim 17 comprising complement control protein modules 1-4 of FHp43.

27. The molecule of claim 17 comprising FHp43.

28. The molecule of claim 27 having C-terminal deletions of about 180 amino acids of

the FH_p43.

29. The molecule of claim 17 wherein said complement control protein modules 1-4 comprise one of a dimer or trimer of said complement control modules 1-4.

30. The molecule according to claim 17, coupled to artificial membranes by activating the membrane, coupling of spacers, and coupling of the peptide.

31. The molecule of claim 17 wherein said complement control protein modules have a sequence of 207 amino acids.

32. The molecule according to claim 22, the complement factor being an animal complement factor H.

33. A DNA molecule comprising a sequence encoding a molecule according to claim 17.

34. The DNA molecule of claim 32 in the form of a transgene construct.

35. A molecule having the sequence of SEQ ID NO: 1 encoding rat FH 4.3 kb mRNA, together with the sequence of SEQ ID NO: 2 encoding rat FH1.0 kb mRNA.

36. A truncated recombinant factor H comprising at least complement control protein modules 1-4 selected from the group consisting of complement control protein modules 1-6, 1-5, and 1-4 of complement factor H. --

REMARKS

In the prior application, pursuant to a restriction requirement and with traverse, Applicants elected to prosecute claims 1-10. In this application, Applicants continue prosecution